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27 Ar	ticles Found				
	e > 1979 and TITLE-A kage or linker))	BSTR-KEY((cleave o	r cleavage or cleavabl	e) and (hydrolytic or hydr	rol
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1. 🗖	Myoglobin • ARTICI Bioorganic & Medici	LE <i>nal Chemistry, Volun</i> 1g Jun Son, Chang Eu	ın Yoo, In Seok Hong a	2003, Pages 2901-2910	
2. 🗀	with the Dpr(Phoc)	linker to hydrophili Volume 38, Issue 26, gineSoda	c resins • ARTICLE 30 June 1997, Pages 4	ease of peptides anchored	
3. 🗖	Affinity screening by packed capillary high performance liquid chromatography using molecular imprinted sorbents: II. Covalent imprinted polymers • ARTICLE Journal of Chromatography A, Volume 922, Issues 1-2, 13 July 2001, Pages 87-97 Mohammad A. Khasawneh, Patrick T. Vallano and Vincent T. Remcho SummaryPlus Full Text + Links PDF (253 K)				
4. 🗀	Proteases that Is Co. Molecular Cell, Volum	nserved across the F me 19, Issue 4, 19 Au Gregory A. Korbel, B	•	• ARTICLE	

Synthesis and first in vitro cytotoxicity studies of bis(2-chloroethyl) amino group

International Journal of Biological Macromolecules, Volume 2, Issue 4, August 1980,

containing polymers. Pharmacologically active polymers: 22 • ARTICLE

above hydroxylated PVC polymer synthesized in our laboratory and a com. system shows a higher reaction rate and degree of conversion for the former. Swelling expts. of partially crosslinked polymers reveal the existence of two kinds of interpenetrating networks, chemical and phys. The appearance of the phys. network is due to hydrogen bonding interactions between the remaining hydroxyl groups in the polymer chains after crosslinking. TGA and tensile tests show good thermal stability of the networks obtained, and a significant improvement in the mech. properties with respect to linear PVC. Values of mol. wts. between crosslinks obtained from swelling expts., mech. tests, and dynamomech. tests are in agreement with the theor. values.

REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 50 OF 88 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:30802 CAPLUS

DOCUMENT NUMBER: 124:89863

TITLE: Synthesis of adjustable poly(vinyl chloride) networks AUTHOR(S): Reinecke, Helmut; Hidalgo, Manuel; Mijangos, Carmen CORPORATE SOURCE: Instituto Ciencia Tecnologia Polimeros, CSIC, Madrid,

28006, Spain

SOURCE: Macromolecular Rapid Communications (1996), 17(1),

15-23

CODEN: MRCOE3; ISSN: 1022-1336

PUBLISHER: Huethig & Wepf

DOCUMENT TYPE: Journal LANGUAGE: English

AB 2- And 4-mercaptobenzyl alc. were synthesized in good yields starting from thiosalicylic acid and p-toluenesulfonic acid, resp. Poly(vinyl chloride) (PVC) reacts selectively with the thiol group of these bifunctional compds. leading to modified PVC with free hydroxy groups. In a second step the polymer chains can be partially crosslinked by reaction with hexamethylene diisocyanate. According to the degree of PVC modification, the network d. of the resulting elastomers is freely adjustable.

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FILE 'CAPLUS, MEDLINE' ENTERED AT 17:02:31 ON 09 NOV 2005
L1
              2 S (CLEAV? (W) HYDROLYTIC?) (20A) (LINK?)
L2
              2 S (CLEAV? (W) HYDROLYTIC?) (S) (LINK?)
L3
            165 S (CLEAV? (20A) HYDROLYTIC?) (S) (LINK?)
L4
            160 S (CLEAV? (15A) HYDROLYTIC?) (S) (LINK?)
L5
            160 S (HYDROLYTIC? (15A) CLEAV?) (S) (LINK?)
L6
            136 DUP REM L4 (24 DUPLICATES REMOVED)
L7
             14 S L6 AND (ALKOXIDE OR HYDROXIDE OR OH OR BAS?) AND (THIOESTER
T.R
              8 S (MERCAPTOBENZYL (5A) ALCOHOL) AND RESIN
T.9
             88 S (MERCAPTOBENZYL (5A) ALCOHOL)
L10
             0 S L9 AND THIOESTER
L11
              0 S L9 AND METHACRYLOYL
L12
             87 DUP REM L9 (1 DUPLICATE REMOVED)
L13
             32 S (MERCAPTOBENZYL (5A) ALCOHOL) AND (SUPPORT OR SYNTHESI? OR BEAD
L14
             32 DUP REM L13 (0 DUPLICATES REMOVED)
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COST IN U.S. DOLLARS
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                                                       153.85
FULL ESTIMATED COST
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
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-11.68

-11.68

WEST Search History

Hide Items Restore Clear Cancel

DATE: Wednesday, November 09, 2005

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	DB=USPT; $PLUR=YES$; $OP=OR$					
	L33	(cleav\$3 near25 hydrolytic\$4) near link\$2	3			
	L32	(cleav\$3 near25 hydrolytic\$4) near100 link\$2	83			
	DB=PGPB; $PLUR=YES$; $OP=OR$					
	L31	L30 and (hydroxide or alkoxide or OH or bas\$2) and (ester or thioester)	88			
	L30	cleav\$3 near50 hydrolytic\$4 near10 link\$2	93			
П	L29	(cleav\$3 near25 hydrolytic\$4) near link\$2	12			
	L28	(cleav\$3 near25 hydrolytic\$4) near100 link\$2	93			
	L27	L26 and (hydroxide or alkoxide or OH or bas\$2) and (ester or thioester)	88			
	L26	hydrolytic\$4 near50 cleav\$3 near10 link\$2	93			
	L25	(hydrolytic\$4 near25 cleav\$3) near100 link\$2	93			
П	L24	L21 and (hydroxide or alkoxide or OH or bas\$2) and (ester or thioester)	0			
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	L23	L21 and (hydroxide or alkoxide or OH or bas\$2) and (ester or thioester)	6			
	L22	L20 and (hydroxide or alkoxide or OH or bas\$2) and (ester or thioester)	61			
	L21	L20 not L17	28			
	L20	(hydrolytic\$4 near25 cleav\$3) near100 link\$2	83			
\Box	L19	L18 and (hydroxide or alkoxide or OH or bas\$2) and (ester or thioester)	117			
	L18	(hydrolytic\$4 near25 cleav\$3) same link\$2	153			
	L17	L16 and (ester or thioester)	55			
\Box	L16	L15 and (OH or hydroxide or bas\$2)	77			
	L15	hydrolytic\$4 near50 cleav\$3 near10 link\$2	77			
	L14	hydrolytic\$4 near cleav\$3 near link\$2	1			
	L13	5304498.pn.	1			
	L12	5171695.pn.	1			
r.	L11	4745072.pn.	1			
Γ	L10	5961923.pn.	1			
Γ.	L9	L8	64			
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	L8	(antibod\$3 near5 (immobili\$6 or embed\$3)) near (gel)	101			

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Γ	L6	L4 same (antibod\$3 near immobili\$6)	0
	L5	"CMOS" near (photosensor or sensor)	4657
Γ	L4	CMOS near (photosensor or sensor)	4657
	L3	(CMOS and ((charge\$2 near2 couple\$1) or CCD))	15134
Γ.,	L2	(CMOS or CCD) or (CMOS and CCD)	267313
DB=USPT; PLUR=YES; OP=OR			
	L1	5922617.pn.	1

END OF SEARCH HISTORY